PATENT Attorney Docket No: 81940.0071

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Art Unit:

Not assigned

Masahiro ARAI et al.

Examiner:

Not assigned

Serial No: Not assigned

Filed: February 20, 2004

For:

Magnetic Disk Array Device With Processing Offload

Function Module

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL 'Express Mail" Mailing Label No. EV 324 112 150 US

Date of Deposit: February 20, 2004

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- Check in amount of \$ 942.00 as filing fee
- patent application (<u>43</u> page(s) of specification; <u>20</u> claim(s); <u>1</u> page(s) of abstract
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD.
- certified copy of <u>Japanese</u> patent application No. <u>2003-393912</u> which was filed November 25, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 2 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

> Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Arlington, VA 22313-1450

Date: February 20, 2004

Hogan & Hartson, LLP

500 South Grand Avenue, Suite 1900

Los Angeles, California 90071 Telephone: 213-337-6700

Facsimile: 213-337-6701

Reynaldo Gallardo Name of person mailing papers

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	application		MI Ikuwa VACISAM	'A Akib	iro MANNEN and				
	hiko SATO	NAOLO IVIATSUNA	MI, Ikuya YAGISAW	A, AKIN	IIO MANNEN and				
Serial No: Not assigned									
Filed:									
For:	Magn	etic Disk Array Do	evice With Processin	ng Offloa	ad Function Module				
Comr P.O. I	Stop PATEN nissioner fo Box 1450 ndria, VA 2		I						
Dear	Sir:								
COR	RESPONDE	NCE ADDRESS	:	☑ Custor	mer Number 000026	6021			
	11 sheet 43 page(an assignment of a special shapplicant clared a certified considered and certified considered and certified	(s) of drawings (S) of specification ent of the invention power of attorned ims small entity stand Power of Attorned py of <u>Japanese</u> and entity in the control of the cont	eference(s)). closed.	al) is(ard of abstra ol	e) enclosed. act of the invention is enclosed will ow. follow.	follow.		5 <u>, 2003</u> fron	n which priority
			sed. See 37 CFR 1	.76.					
	eturn postc	ard is enclosed.							
				LCULATION	ON OF FEES	1 10"		-	
		ard is enclosed.	CAI TOTAL NO. OF CLAIMS	CULATIO	ON OF FEES NO. OF CLAIMS OVER BASE	LG/S \$ ENTIT		\$ AMOUNT	\$ FEE
		EM	TOTAL NO. OF	-20	NO. OF CLAIMS	\$ ENTIT LG=\$18 SM=\$9		\$ AMOUNT \$ 0	
⊠ R	TOTAL CLA	EM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	\$ ENTIT LG=\$18	Y FEE	 	
A	TOTAL CLA	IMS FEDE	TOTAL NO. OF CLAIMS 20	-20 -3	NO. OF CLAIMS OVER BASE 0	\$ ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$86	\$ 0 172	
A B	TOTAL CLA INDEPENDE	IMS FEDE	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COL	-20 -3	NO. OF CLAIMS OVER BASE 0	\$ ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$86 \$GE ENTI	\$ 0	
A B C	TOTAL CLA INDEPENDE	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIM	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COL	-20 -3	NO. OF CLAIMS OVER BASE 0	\$ ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$18 \$86 RGE ENTI' ALL ENTI'	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770	172
A B C D	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-E BASIC FEE TOTAL FILIN	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIM DEPENDENT CLAIMS	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COLUMN FEE S FOR LINES C, D, AND I	-20 -3 UMN IN L	NO. OF CLAIMS OVER BASE 0	\$ ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$18 \$86 RGE ENTI' ALL ENTI'	\$ 0 172 TY FEE = \$290 TY FEE = \$145	172 \$ 0
A B C D	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-E BASIC FEE TOTAL FILIN ASSIGNMEN	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIM DEPENDENT CLAIMS NG FEE (ADD TOTAL) NT RECORDING FEE	TOTAL NO. OF CLAIMS 20 5 S FEE (ADD FINAL COLUMN FEE S FOR LINES C, D, AND I	-20 -3 UMN IN L	NO. OF CLAIMS OVER BASE 0	\$ ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$18 \$86 RGE ENTI' ALL ENTI'	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770	172 \$ 0 \$ 770
A B C D · E F G	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-I BASIC FEE TOTAL FILIN ASSIGNMEN *LIST INDEF	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIM DEPENDENT CLAIMS NG FEE (ADD TOTAL: NT RECORDING FEE PENDENT CLAIMS 1	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COLUMN FEE S FOR LINES C, D, AND III 7, 10, 14 and 19.	-20 -3 UMN IN L	NO. OF CLAIMS OVER BASE 0 2 INES A + B)	\$ENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43	\$18 \$18 \$86 RGE ENTI ALL ENTI RGE ENTI	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385	172 \$ 0 \$ 770 \$ 942
A B C D · E F G A A TI CC	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-I BASIC FEE TOTAL FILIN ASSIGNMEN *LIST INDEF Ilease charg check in the check in the check in the check in the Any addi	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIMS DEPENDENT CLAIMS NG FEE (ADD TOTAL: NT RECORDING FEE PENDENT CLAIMS 1 e my Deposit Acce amount of \$ 9 e amount of \$ 4 sioner is hereby a on or credit any o itional filing fees r	TOTAL NO. OF CLAIMS 20 5 S FEE (ADD FINAL COLUMN FEE S FOR LINES C, D, AND I	-20 -3 UMN IN L E) The amount of filing for grament any definity and definity an	NO. OF CLAIMS OVER BASE 0 2 INES A + B) unt of \$_0 . A cope is enclosed. Recordation fee is ficiency for the folloount No. 50-1314.	SENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43 LAF SM LA	\$18 \$86 RGE ENTITALL	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385 \$ 40 enclosed.	172 \$ 0 \$ 770 \$ 942 \$ 40
A B C D · E F G A A TI CC	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-I BASIC FEE TOTAL FILIN ASSIGNMEN *LIST INDEF Ilease charg check in the check in the check in the check in the Any addi	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIMS DEPENDENT CLAIMS NG FEE (ADD TOTAL: NT RECORDING FEE PENDENT CLAIMS 1 e my Deposit Acce amount of \$ 9 e amount of \$ 4 sioner is hereby a on or credit any o itional filing fees r	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COLUMN) FEE S FOR LINES C, D, AND III 7, 10, 14 and 19. Count No. 50-1314 the 142.00 to cover the 19. Count No. 50-1314 the 19.	-20 -3 UMN IN L E) The amount of filing for grament any definity and definity an	NO. OF CLAIMS OVER BASE 0 2 INES A + B) unt of \$_0 A cope is enclosed. Recordation fee is ficiency for the folloount No. 50-1314.	SENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43 LAF SM LA	\$18 \$86 RGE ENTI ALL ENTI RGE ENTI ALL ENTI Better is	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385 \$ 40 enclosed.	172 \$ 0 \$ 770 \$ 942 \$ 40
A B C D E F G P A A TI CC	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-I BASIC FEE TOTAL FILIN ASSIGNMEN *LIST INDEF Ilease charg check in the check in the check in the check in the Any addi	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIMS DEPENDENT CLAIMS NG FEE (ADD TOTAL: NT RECORDING FEE PENDENT CLAIMS 1 e my Deposit Acce amount of \$ 9 e	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COLUMN) FEE S FOR LINES C, D, AND III 7, 10, 14 and 19. Count No. 50-1314 the 142.00 to cover the 19. Count No. 50-1314 the 19.	-20 -3 UMN IN L E) The amount of filing for grament any definity and definity an	NO. OF CLAIMS OVER BASE 0 2 INES A + B) unt of \$_0 A copee is enclosed. Recordation fee is ficiency for the folloount No. 50-1314. I6 R. 1.17 Respectfully sub HOGAN & HARI By:	SENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43 LAF SM. LAF SM. Dy of this enclosed wing fees A copy o	\$18 \$86 RGE ENTI ALL ENTI RGE ENTI ALL ENTI Better is	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385 \$ 40 enclosed.	172 \$ 0 \$ 770 \$ 942 \$ 40
A B C D E F G A A T C X X X X X X X X X X X X X X X X X X	TOTAL CLA INDEPENDE SUBTOTAL MULTIPLE-E BASIC FEE TOTAL FILIN ASSIGNMEN *LIST INDEF lease charg check in th check	EM IMS FEDE ENT CLAIMS FEE* - ADDITIONAL CLAIMS DEPENDENT CLAIMS NG FEE (ADD TOTAL: NT RECORDING FEE PENDENT CLAIMS 1 The my Deposit Acce amount of \$ 9 The amount of \$ 4 The amount of \$ 7 The amount of \$ 9 The am	TOTAL NO. OF CLAIMS 20 5 IS FEE (ADD FINAL COLUMN FEE S FOR LINES C, D, AND III 7, 10, 14 and 19. count No. 50-1314 the 42.00 to cover the 0.00 to cover Assignuthorized to charge overpayment to Depo equired under 37 C. occessing fees under 39 10	-20 -3 UMN IN L E) The amount of filing for grament any definity and definity an	NO. OF CLAIMS OVER BASE 0 2 INES A + B) unt of \$_0 A cope is enclosed. Recordation fee is ficiency for the folloount No. 50-1314. If Respectfully sub HOGAN & HARJ	SENTIT LG=\$18 SM=\$9 LG=\$86 SM=\$43 LAF SM LAF SM LAF SM LAF COPY O mitted, FON L	\$18 \$18 \$86 \$86 \$86 \$86 \$86 \$86 \$86 \$86 \$86 \$8	\$ 0 172 TY FEE = \$290 TY FEE = \$145 TY FEE = \$770 TY FEE = \$385 \$ 40 enclosed.	172 \$ 0 \$ 770 \$ 942 \$ 40